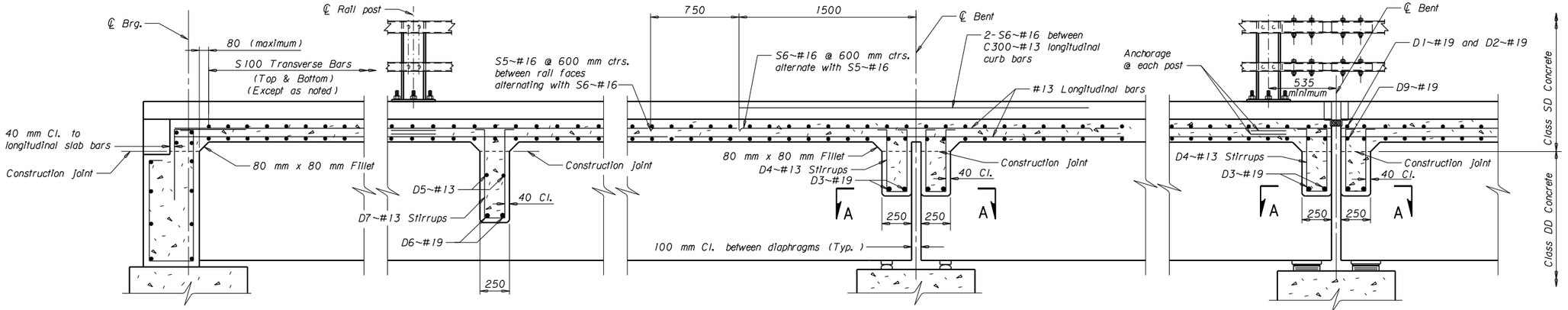
BRIDGE BUREAU

STATE	PROJECT NUMBER	SHEET NO.
MONTANA		



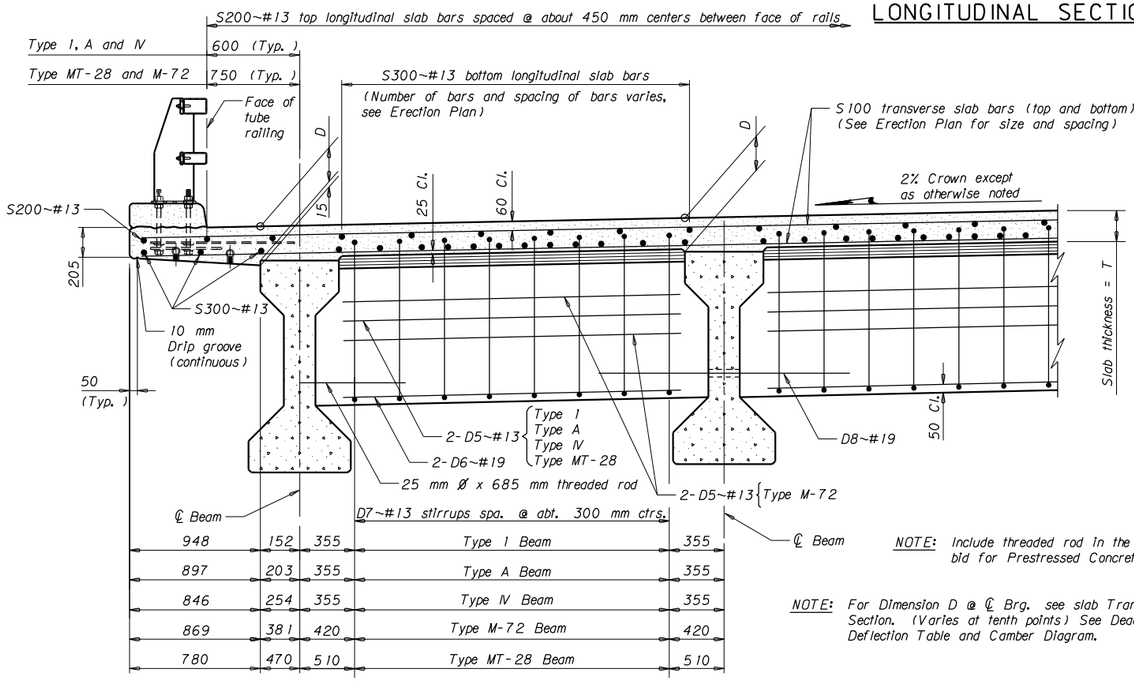
** DETAIL AT FIXED END BENT

INTERMEDIATE DIAPHRAGM

CONTINUOUS SLAB AT INTERMEDIATE BENT

EXPANSION JOINT AT INTERMEDIATE BENT

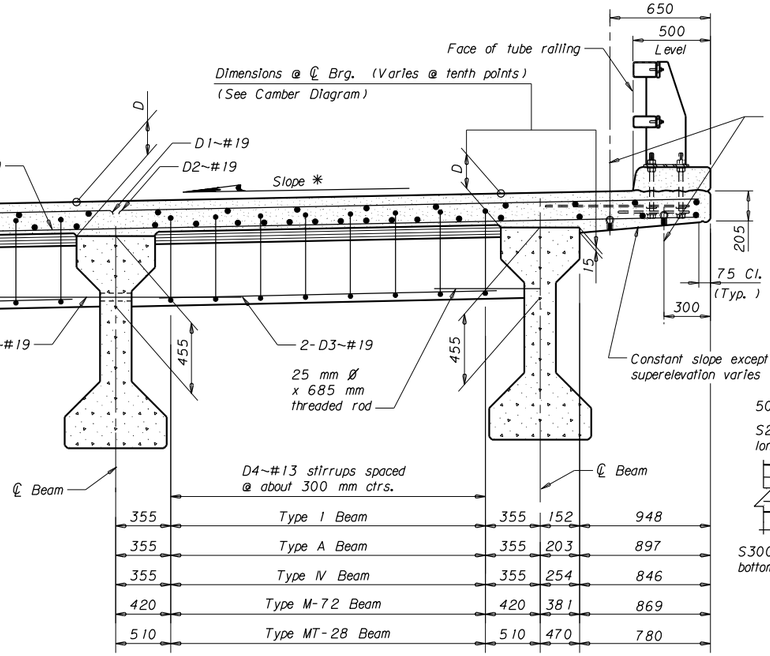
LONGITUDINAL SECTION



948	152	355	Type 1 Beam	355
897	203	355	Type A Beam	355
846	254	355	Type IV Beam	355
869	381	420	Type M-72 Beam	420
780	470	510	Type MT-28 Beam	510

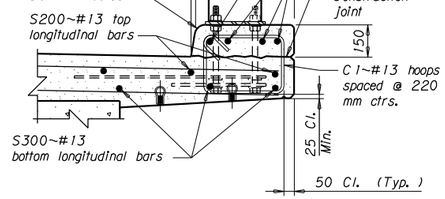
NOTE: Include threaded rod in the unit price bid for Prestressed Concrete Beams.

NOTE: For Dimension D @ ℄ Brg. see slab Transverse Section. (Varies at tenth points) See Dead Load Deflection Table and Camber Diagram.



355	355	152	Type 1 Beam	948
355	355	203	Type A Beam	897
355	355	254	Type IV Beam	846
420	420	381	Type M-72 Beam	869
510	510	470	Type MT-28 Beam	780

℄ 16 mm Ø threaded inserts, match rail post spacing (Typ. both sides) Offset insert longitudinally to avoid embedded rail post plate and reinforcing. Minimum safe tension working load (capacity) for inserts is 8.9 kN. Include the cost of the inserts in the unit price bid for Class SD concrete.

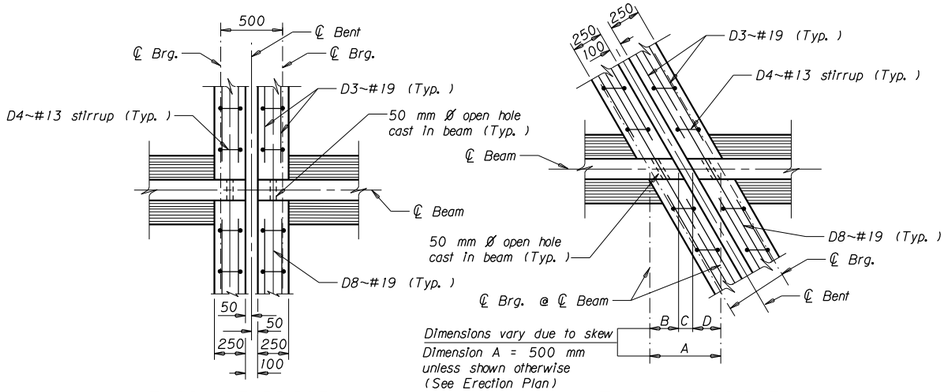


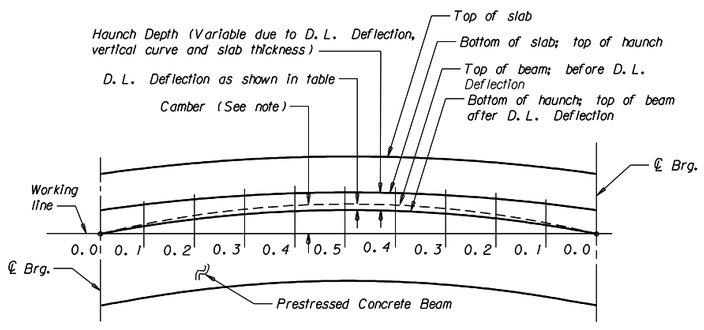
CURB REINFORCING DETAIL

TRANSVERSE SECTION NEAR INTERMEDIATE DIAPHRAGM AT LOW SIDE

TRANSVERSE SECTION NEAR INTERMEDIATE BENT AT HIGH SIDE

*NOTE: Detail shown is for superelevations other than normal crown.





CAMBER DIAGRAM

NOTE: See Erection plan for theoretical D.L. Deflection Table for Prestressed Concrete Beams.

NOTE: Camber is noted as the distance from the working line to the top of beam and may vary from theoretically calculated D.L. deflection.

MONTANA DEPARTMENT OF TRANSPORTATION

STANDARD SLAB, RAIL AND DIAPHRAGM DETAILS

No Scale

DRAWN	1-12-04	L.M.S.
CHECKED	3-11-04	N.N.M.
APPROVED	10-25-04	K.M.B.
REVISED	4-27-06	D.F.J.
REVISED	3-28-08	T.J.B.
REVISED		

STD REF: MSL7308.STD DRAWING NO. MSL-7

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